

ABSTRACT OF THE DISCLOSURE

A hull system for boats that includes pairs of longitudinally extending strakes with a cross-section that includes a downwardly extending fin member with an adjacent flat horizontal section to provide running and idle stability. Steps with a projected V-shape pint forward and include air inlets with the distal ends. Channels run adjacent to the drop off wall of the steps to trap air forming an air cushion that tends to lift the moving hull. The resulting hull system provides optimal performance while running and still maintains good stability from oscillation when idle. A peripheral chin has a substantially triangular cross-section that extends vertically downwardly inside the body of water over which the boat floats.